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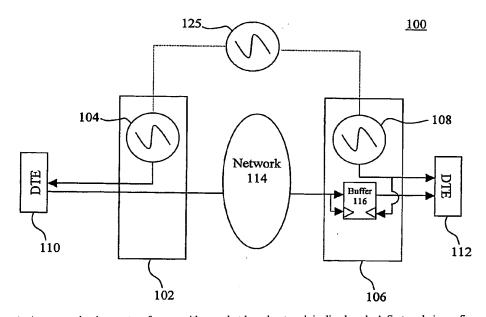
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(54) Title: SYSTEM AND METHOD FOR BUFFER MANAGEMENT IN A PACKET-BASED NETWORK



(57) Abstract: A communication system for use with a packet-based network is di sclosed. A first node is configured to transmit circuit data in data packets across the network. A second node is configured to receive the data packets from the network and serialize the synchronous data. The second node comprises a configurable buffer, the buffer being configurable to adjust to network packet delay variance through analysis of packet delay variance as measured over at least one period of time.